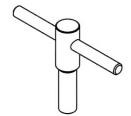
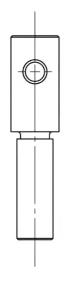
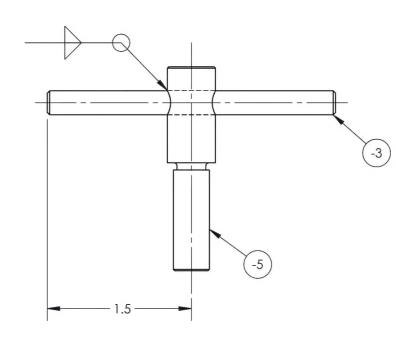
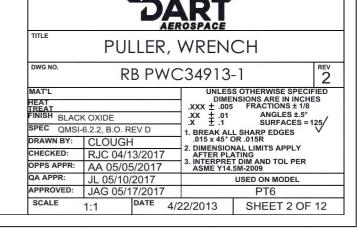


		revisions			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0086	-1 ADDED FINISH SPEC QMSI-6.2.2, B.O. REV D.	4/13/2017	DPD	JAG









(-1)

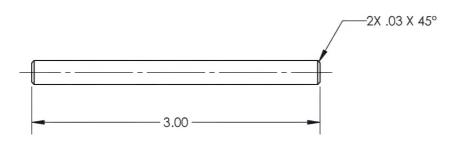
STUD WELDMENT

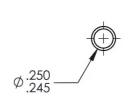
This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

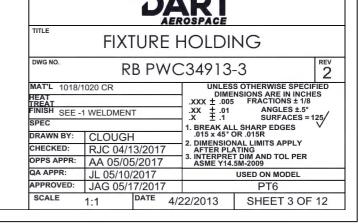
REV ECR DESCRIPTION DATE INITIAL APPROVED

2 17-0086 -3 CH'D MAT'L WAS 1018 IS 1018/1020 CR.

4/13/2017 DPD JAG

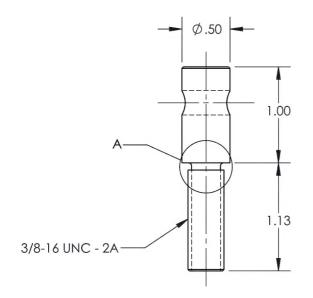


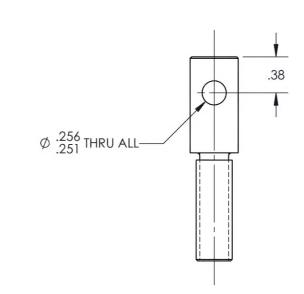


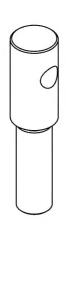


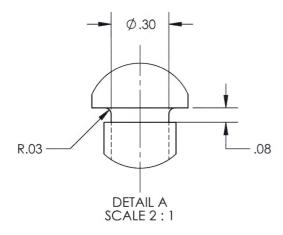
-3 HANDLE

		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0086	-5 CH'D MAT'L WAS 1018 IS 1018/1020 CR. CH'D DIMS WAS (Ø.50) IS Ø.50, WAS 3/8-16 IS 3/8-16 UNC -2A.	4/13/2017	DPD	JAG







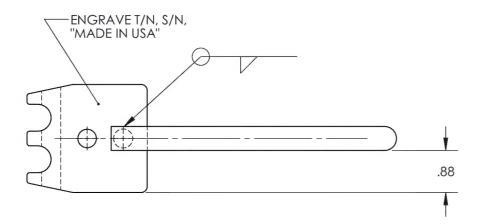


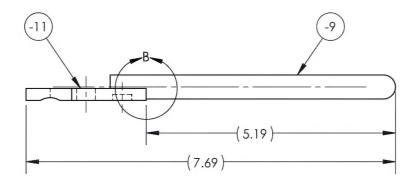
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STUD

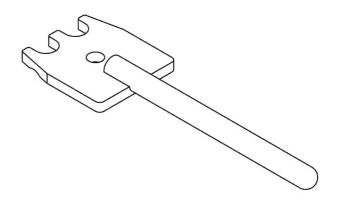
DART							
TITLE	FIXTURE HOLDING						
DWG NO.	R	ВРМ	۷C	34913-	-5	2	
HEAT TREAT FINISH SEE-1	020 CR WELDMEN	Γ			S OTHERWISE SPECI NSIONS ARE IN INCH FRACTIONS ± 1/8 ANGLES ±.5° SURFACES =	ES	
SPEC DRAWN BY:	CLOUGH	4			L SHARP EDGES	~~	
CHECKED:	RJC 04/1	3/2017		AFTER PLA	NAL LIMITS APPLY ATING T DIM AND TOL PER		
OPPS APPR: QA APPR:	AA 03/03/2017				ASME Y14.5M-2009 USED ON MODEL		
APPROVED:					PT6		
SCALE	1:1	DATE	4/2	23/2013	SHEET 4 OF	12	

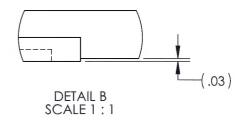
		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0086	-7 ADDED FINISH SPEC QMSI-6.2.2, B.O. REV D. ADDED ENGRAVE NOTE.	4/13/2017	DPD	JAG



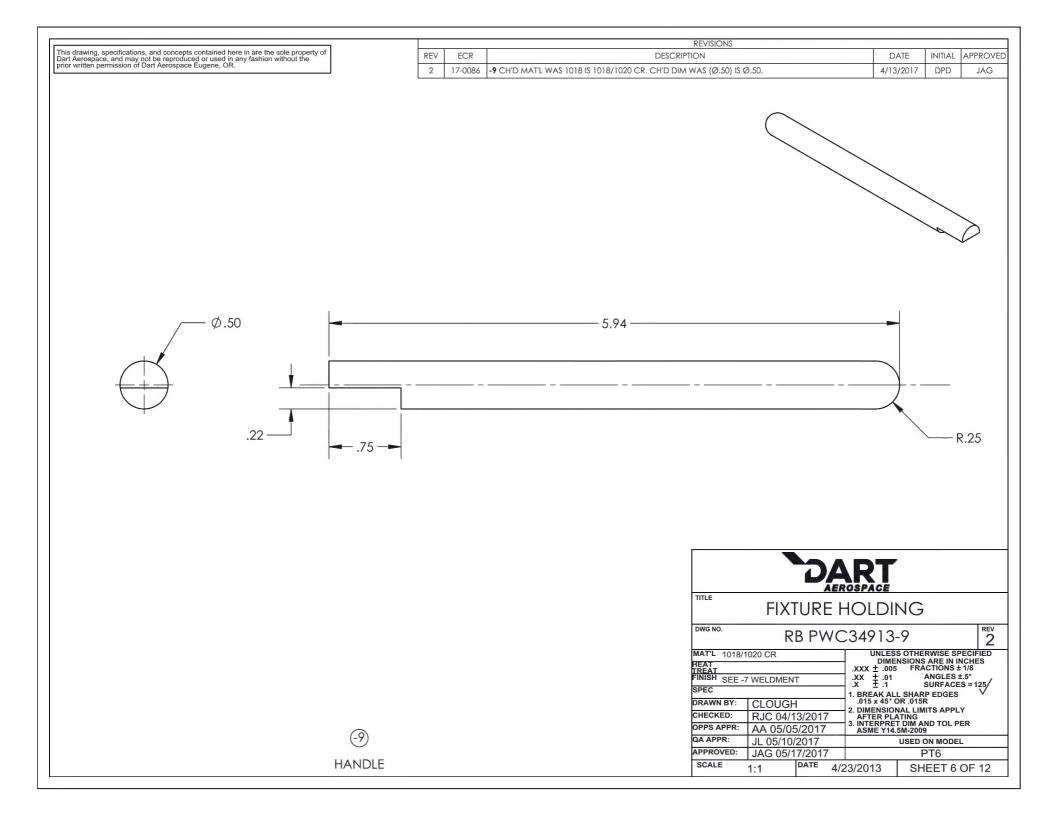




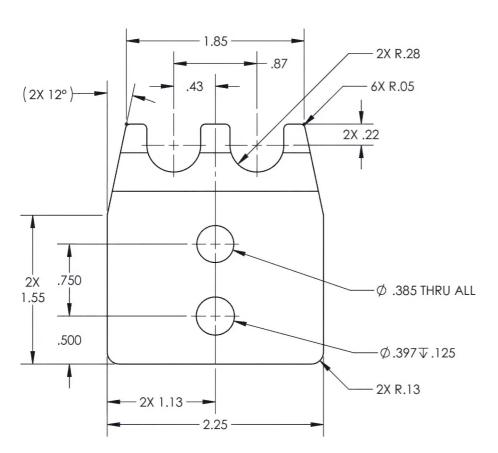


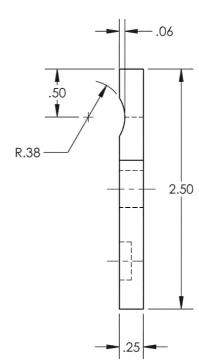


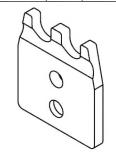
	DART							
TITLE	PULLER, WRENCH							
DWG NO.	R	B PW	C	34913-	-7	2		
MAT'L HEAT TREAT FINISH BLACI	< OXIDE			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125/				
SPEC QMSI- DRAWN BY:	6.2.2, B.O. R			1. BREAK AL .015 x 45° C	L SHARP EDGES OR .015R	. <u></u>		
CHECKED: RJC 04/13/2017 OPPS APPR: AA 05/05/2017				2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009				
QA APPR: APPROVED:	JL 03/10/2017				USED ON MODEL PT6			
SCALE	1:2	DATE	4/2	23/2013	SHEET 5 O	F 12		



	REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0086	-11 CH'D MAT'L WAS 1018 IS A36/1018/1020 HR. CH'D DIMS WAS Ø.313↓.125 IS Ø.397↓.125, WAS (.250) IS .25.	4/13/2017	DPD	JAG







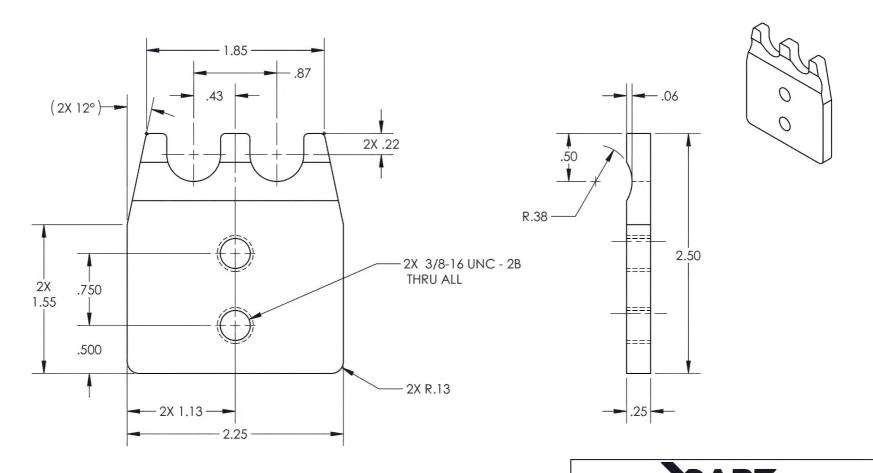
TITLE

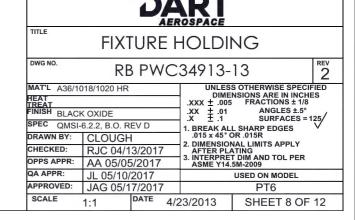
FIXTURE HOLDING

XXX						
DIMENSIONS ARE IN INCHES	DWG NO.	RE	B PWC	34913-	11	2
XXX ± .005	MAT'L A36/10	018/1020 HR				
SPEC SEE -1 WELDINENT X	HEAT TREAT			.XXX ± .005	FRACTIONS ± 1/8	3
1. BREAK ALL SHARP EDGES 0.15 x 45 ° 0R .015 x 0.15 x 45 ° 0R .015 x 0.15 x	SLL -	WELDMEN	Т	.XX ± .01 .X ± .1		25/
CHECKED: RJC 04/13/2017 OPPS APPR: AA 05/05/2017 QA APPR: JL 05/10/2017 APPROVED: JAG 05/17/2017 DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 USED ON MODEL APPROVED: JAG 05/17/2017 PT6	SPEC			1. BREAK AL	L SHARP EDGES	V
CHECKED: RJC 04/13/2017 OPPS APPR: AA 05/05/2017 QA APPR: JL 05/10/2017 APPROVED: JAG 05/17/2017 APPROVED: JAG 05/17/2017 APPROVED: JAG 05/17/2017 AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 USED ON MODEL APPROVED: PT6	DRAWN BY:	CLOUGH	ł			
OPPS APPR: AA 05/05/2017 ASME Y14.5M-2009 QA APPR: JL 05/10/2017 USED ON MODEL APPROVED: JAG 05/17/2017 PT6	CHECKED:	RJC 04/1	3/2017	AFTER PLA	ATING	
APPROVED: JAG 05/17/2017 PT6	OPPS APPR:	AA 05/05	5/2017			
JAG 03/11/2017 F10	QA APPR:	JL 05/10/	2017		USED ON MODEL	
SCALE 1:1 DATE 4/23/2013 SHEET 7 OF 12	APPROVED:	JAG 05/1	7/2017		PT6	
	SCALE	1:1	DATE 4/2	23/2013	SHEET 7 OF	12

UPPER HAND

		REVISIONS REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0086	-13 CH'D MAT'L WAS 1018 IS A36/1018/1020 HR. CH'D FINISH WAS SEE -7 WELDMENT IS BLACK OXIDE GMSI-6.2.2, B.O. REV D. CH'D DIM WAS (.250) IS .25.	4/13/2017	DPD	JAG



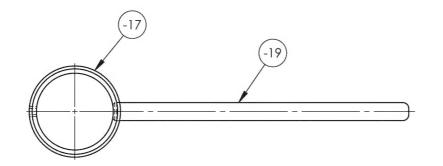


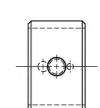
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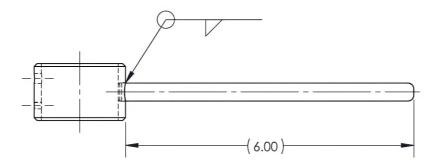
LOWER HAND

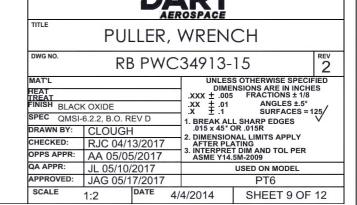
		revisions			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0086	-15 ADDED FINISH SPEC QMSI-6.2.2, B.O. REV D.	4/13/2017	DPD	JAG









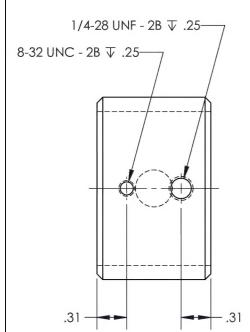


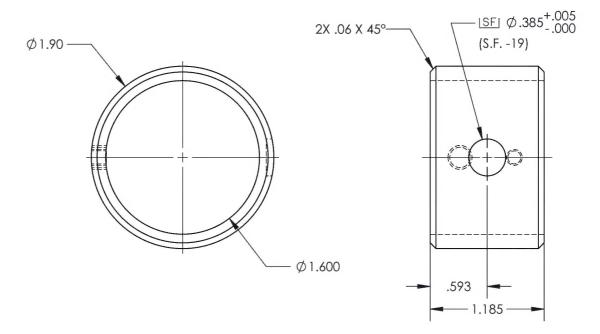


HANDLE WELDMENT

		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0086	-17 CH'D MAT'L WAS 1018 IS 1018/1020 CR. CH'D DIM WAS Ø.38↓[SF] S.F19 IS [SF] Ø.385 +.005000 (S.F19).	4/13/2017	DPD	JAG



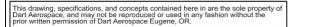




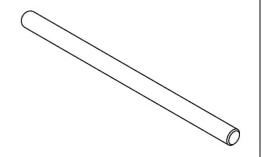


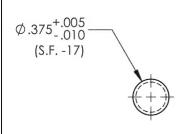


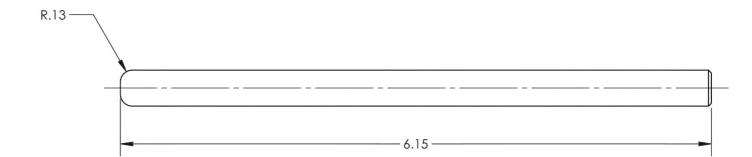
RING

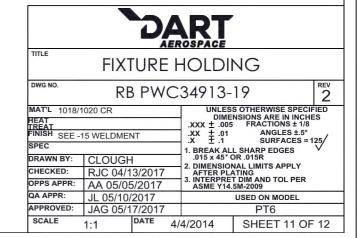


		revisions			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0086	-19 CH'D MAT'L WAS 1018 IS 1018/1020 CR. CH'D DIM WAS (Ø.375) IS Ø.375+.005010 (S.F17).	4/13/2017	DPD	JAG







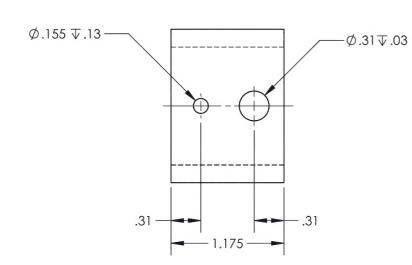


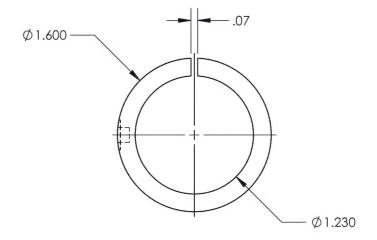
(-19)

HANDLE

		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0086	-21 CH'D MAT'L WAS DELRIN, WHITE IS WHITE DELRIN/ACETAL. CH'D DIM WAS .030 IS .07.	4/13/2017	DPD	JAG







DART					
FITURE HOLDING					
DWG NO.	RE	PWC	34913-21 REV 2		
MAT'L WHITE DELRIN/ACETAL HEAT FINISH SPEC DRAWN BY: CLOUGH CHECKED: RJC 04/13/2017 OPPS APPR: AA 05/05/2017			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125 1. BREAK ALL SHARP EDGES .0.15 x 45 'OR .0.15* 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009		
QA APPR:	JL 05/10/2017		USED ON MODEL		
APPROVED:	JAG 05/17/2017		PT6		
1:1 DATE 2/4		4/2015	SHEET 12 OF 12		

(21) SLEEVE CLAMP